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(71) Anmelder (für alle Bestimmungsstaaten mit Ausnahme von US): SARTORIUS AG [DE/DE]; Weender Landstrasse 94-108, 37075 Göttingen (DE).

(72) Erfinder; und

(75) Erfinder/Anmelder (nur für US): DIEL, Bernhard [DE/DE]; Sohnreystrasse 8, 37124 Rosdorf (DE).

(81) Bestlmmungsstaaten (national): CN, US.

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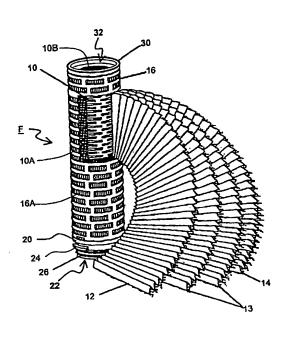
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mit internationalem Recherchenbericht

Zur Erklärung der Zweibuchstaben-Codes und der anderen Abkürzungen wird auf die Erklärungen ("Guidance Notes on Codes and Abbreviations") am Anfang jeder regulären Ausgabe der PCT-Gazette verwiesen.

(54) Title: FILTER ELEMENT, PARTICULARLY FOR THE STATIC OR DEAD-END FILTRATION OF FLUIDS, AND COR-RESPONDING FILTER DEVICE

(54) Bezeichnung: FILTERELEMENT, INSBESONDERE ZUR STATISCHEN BZW. DEAD-END-FILTRATION VON FLUI-DEN, SOWIE FILTERVORRICHTUNG



(57) Abstract: The invention relates to a filter element (F), particularly for the static or dead-end filtration of fluids, comprising an inner, essentially hollow supporting core (10) and at least one filter layer (12-14) placed thereon. The inner supporting core (10) is formed as a single piece together with a first end plate (20) and with a second end plate (30). The first end plate (20) comprises a connecting piece (22), which is provided therewith as a single piece and which is fluid-connected to the supporting core (10). The second end plate (30) has a seat (32), which is formed therein, is fluid-connected to the supporting core (10) and is adapted to the shape of the connecting piece (22) whereby enabling a connecting piece (22) of a second structurally identical filter element (F) to be at least partially inserted into the seat (32) in order to establish a fluid connection between the supporting cores (10) of the filter elements (F). The invention also relates to a filter device for fluids comprising a housing, which has an inlet for the fluid to be filtered and an outlet for the filtrate, and comprising two or more inventive filter elements (F) that are interconnected via the respective connecting piece (22) and the respective seat (32). The outlet is fluid-connected to a housing-side seat into which the connecting piece (22) of one of the at least two filter elements (F) can be at least partially inserted in order to establish a fluid connection between the outlet and the supporting cores (10) of the two or more filter elements (F).

[Fortsetzung auf der nächsten Seite]